

OTS: 60-11,602

JPRS: 2630

12 May 1960

THE ORGANIZATION OF NEW INSTITUTES IN AFFILIATES  
OF THE ACADEMY OF SCIENCES USSR

DTIC QUALITY INSPECTED 2

Distributed by:

OFFICE OF TECHNICAL SERVICES  
U. S. DEPARTMENT OF COMMERCE  
WASHINGTON 25, D. C.  
~~Price: \$0.50~~

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U. S. JOINT PUBLICATIONS RESEARCH SERVICE  
205 EAST 42nd STREET, SUITE 300  
NEW YORK 17, N. Y.

19980115 001

JPRS: 2630

CSO: 3893-N

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[This is a translation of an article which appeared unsigned in Vestnik Akademii Nauk SSSR (Herald of the Academy of Sciences USSR) Vol. 28, No. 3, March 1958, pages 106-107.]

For the purpose of developing scientific research work in the field of physics, the Presidium had decided to organize an Institute of Physics at the Dagestan Affiliate on the base of the Department of Physics, with the following scientific directions: the study of thermo-galvano-magnetic phenomena in electronic semi-conductors; the study of the mechanism of heat conductivity in them; including the field of very low and very high temperatures; the study of effective mass carriers of current; the study of the thermodynamics of liquids, steam and gasses, including the critical region; the study of the thermal conditions of the accessible depths of the earth. The structure of the Institute, consisting of five laboratories (semi-conductors, cryogenic, physical thermodynamics, physics of hard bodies and geothermy) and experimental work shops was confirmed.

In conformity with the long-term plan for the development of the Ural Affiliate, the Presidium has decided to organize an Institute of Geophysics on the base of the Department of Geophysics of this affiliate. Investigating and working out of new methods of exploratory geophysics and also working out methods for geophysical explorations under Ural conditions were recognized as the basic scientific directions for the Institute.

The Presidium has approved the structure of the Institute of Geophysics of the Ural Affiliate which is to consist of seven laboratories (radioactive methods of exploration, electric exploration, magnetic exploration, regional geophysics, seismic exploration, the construction of electronic and geophysical apparatus with a designing group, and gravimetric [?] exploration) and a computing department. Yu. P. Bulashevich, doctor of physico-mathematical sciences, was charged with the carrying out of the duties of director of the Institute.

For the purpose of developing scientific research work in chemistry, chemical technology and metallurgy of rare elements and for the extraction and enrichment of the raw materials of the Kola Peninsula, the Presidium has decided to organize at the Kola Affiliate an Institute of the Chemistry and Technology of Rare Metals and Mineral Raw Materials, (on the base of the laboratory of chemical technology, the enrichment of rare useful metal ores, mining groups and the economics of raw mineral ores).

The main task of the Institute consists of the study of the properties of rare elements and of their compounds and the demonstration of the potential fields of their application; working out methods of chemical technology for the processing of ores of rare elements of the Kola Peninsula; research in the field of metallurgy of rare elements; working out problems of all-round extraction and enrichment of rare elements; economic evaluation of the effectiveness of the use of rare elements in the people's economy and methods for extracting them.

The structure of the Institute consisting of eight laboratories (chemistry and chemical technology of refractory elements, chemistry and chemical technology of rare alkaline and diffused elements, metallurgy of rare elements, chemico-analytical, research in physical methods, mining, enrichment of raw ores of rare metals and the economics of raw ores of rare metals) and of experimental work-shops, has been approved.

M. D. Fugzan, candidate of technical sciences, was appointed to carry out the duties of director of the Institute of Chemistry and Technology of Rare Elements and Raw Mineral Ores.

END

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